

**ABSTRACT**

When there is any abnormality or characteristic change in the light intensity of a light source or the sensitivity of a light detector, measurement accuracy decreases.

An apparatus of the present invention comprising: a light source 11; a living body measuring optical element 12 for applying light emitted from the light source 11 to a living body and receiving light returning from the living body; a light detector 16 for detecting the light received by the living body measuring optical element 12; and a light guide 14 which can be arranged in contact with the living body measuring optical element 12, in which an abnormality is detected or corrected by use of output from the light detector 16 in a state the light guide 14 is arranged in contact with the living body measuring optical element 12.